

Build a milking shed

In the previous edition of *Ubisi Mail*, we looked at the materials needed to construct your own milking parlour. We also supplied a basic floor plan for a parlour. In this article, we start with the preparation of the terrain and we look at how to plant the poles.

Preparing the terrain

- Start off by roughly marking the area in which you want to construct your milking parlour.
- Remove all topsoil, grass, weeds, plants and large stones.
- Set out the floor slopes. The slope is necessary for water to run down.
- For our parlour which is 6,9 metres in length, the slope will be 9,9 cm.
- For our parlour with a width of 4,6 metres, the slope will be 11,5 cm.
- Drive a wooden spike or sharp stick (as thick as your thumb) into the ground at the corner of the highest point of the slope. The spike must protrude (stick out) above the ground.
- Drive another spike in at the lowest point of the slope. Do this on the remaining two corners.
- The spikes must all stick out at different heights, to show how the floor will slope – from the highest to the lowest spike.
- Fill the area between the spikes with damp sand or gravel and tamp down firmly.
- The heads of the spikes must just stick out above the filling.

Planting the poles

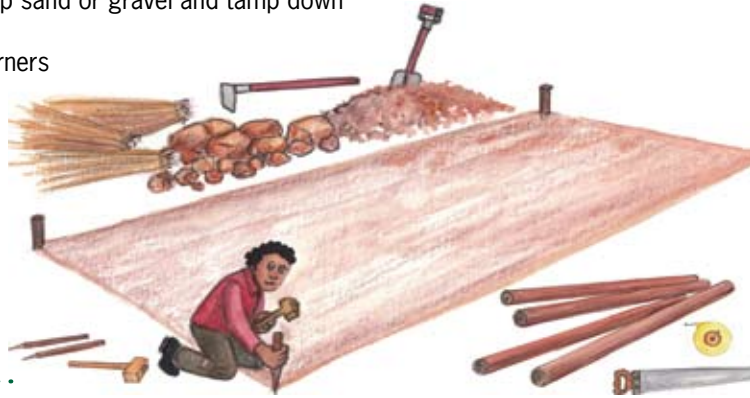
- Saw four corner poles to the correct length.
- Dig holes on the four corners of the building and plant the poles.
- Use a level to make sure that the poles are upright.
- Fill the holes with concrete.
- Stretch a line between the corner poles and mark out holes for six more poles. The markings must be 2,3 metres from each other.
- Mark four holes in the length (two on each side), and two in the width (one on each side).
- Plant the six poles in the same way as the corner poles and put concrete in the holes.
- Do not cast concrete on the under-side of the poles.

In the next edition, we will put up a roof and cast a floor.

(Source: *Small-scale milking shed*, Jordaan & Lindeque, Agricultural Research Council, 2000. For more information, phone them on 012 842 4000). [UM](#)

Prepare the terrain

1. Mark out the area.
2. Remove all topsoil, grass, weeds, plants and large stones.
3. Drive a sharp stick into the ground at the corner of the highest and lowest point of the slope.
4. Fill the area with damp sand or gravel and tamp down firmly.
5. Dig holes on the 4 corners of the building.
6. Plant poles and fill holes with concrete.
7. Stretch a line between the corner poles.
8. Dig 6 holes and plant poles.



Bou 'n melkstal

1. Merk die area uit. | 2. Verwyder alle bogrond, gras, onkruid, plante en groot klippe.
3. Slaan 'n skerp stok in die grond in by die hoeke van die hoogste en laagste punte van die helling.
4. Vul die area met klam sand of gruis en stamp dit goed vas.
5. Grou gate op die 4 hoeke van die gebou.
6. Plant pale en vul die gate met beton. | 7. Bind en trek 'n tou tussen die hoekpale.
8. Grou 6 gate en plant pale.

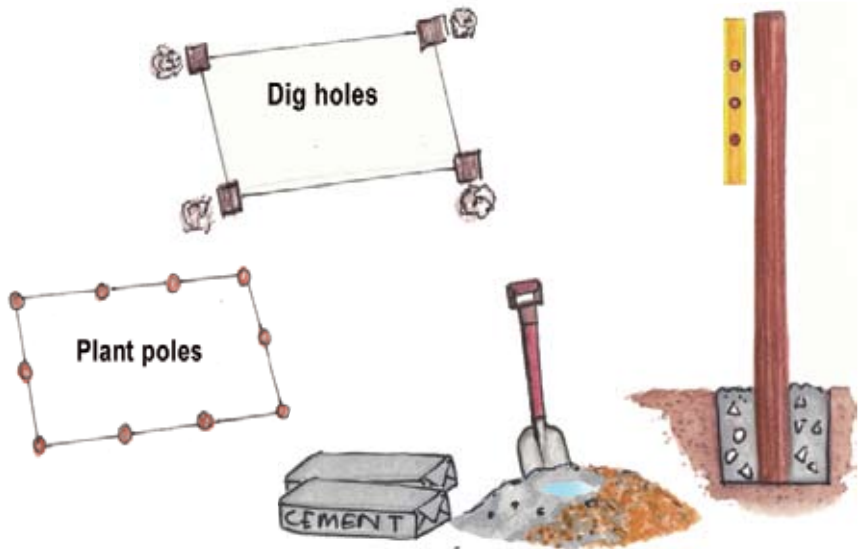
Ukwakha indawo yokusenga

1. Phawula leyo ndawo.
2. Susa yonke inhlabathi ephezulu, utshani, ukhula, izitshalo namatshe amakhulu.
3. Shayelela izinduku ezicijile enhlabathini ekhoneni lendawo ekhuphukelayo neyehlelayo.
4. Gcwalisa indawo ngenhlabathi eswakeme noma uhlwayi bese uyagxisha kuqine.
5. Yimba izimbobo emakhoneni amane esakhiwo.
6. Faka amapali bese uwagcwalisa ngokhonkolo.
7. Yenza kube nesikhala phakathi kwamapali asemakhoneni.
8. Yimba imigodi engu-6 bese utshala amapali.



Yakha ishedhi yokusengela

1. Phawula indawo
2. Susa wonke umhlaba, ingca, izityalo kunye namatye amakhulu.
3. Qhuba uluthi olubukhali emhlabeni kweyona kona iphezulu nakweyona ndawo iphantsi yethambeka.
4. Gcwalisa indawo ngesanti efumileyo okanye igraveli kwaye, uyinyhale ngokuqinileyo.
5. Yomba imingxunya emi-4 kwiikona zesakhiwo.
6. Faka iipali uzigcwalise ngekhonkrithi.
7. Yandisa ophakathi kwekona zeepali.
8. Yomba imingxunya emi-6 kwaye, ufake iipali.



Aha sekgutwana sa ho hamela

1. Tshwaya sebaka seo hantle.
2. Tlosa mobu o ka hodimo, jwang, lehola, dijalo le majwe a maholo.
3. Sunya thupa e bohale fatshe mobung khoneng ya karolo e phahameng ka ho fetisisa le karolo e tlase ka ho fetisisa ya lebala.
4. Tlatse sebaka seo ka santa e mongobo kaba kerabole mme o e katelle fatshe ka thata.
5. Tjheka mekoti dihukung tse 4 tsa moaho.
6. Kenya dipalo mme o tlatse mekoti eo ka konkreti.
7. Hula mola pakeng tsa dipalo tse dihukung.
8. Tjheka mekoti e 6 mme o kenye dipalo. **UM**